Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 07 Aug 2021 until 23:59 on Sunday 08 Aug 2021

Forecast Issued on Saturday 07 Aug 2021 at 04:14

Confidence: High for unsettled conditions dominating this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards more settled conditions by Tuesday.

Headline for Saturday 07 Aug 2021: Outbreaks of rain and drizzle will be replaced by showers, these heavy at times and also probably thundery. The showers may merge into longer spells of rain later.

Mountain weather hazards on Saturday 07 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Heavy rain showers	Thundery showers	Thundery showers
Precipitation probability					
60%	40%	40%	80%	70%	40%

Forecast for Saturday 07 Aug 2021

Weather: Cloudy with outbreaks of light rain or drizzle this morning, replaced by some brighter intervals but also scattered heavy showers this afternoon. Some showers will be thundery with a chance of hail, merging into longer spells of rain later, especially this evening.

Chance of cloud free mountain/hill tops above 600m: 50% becoming 90% by late morning but cloud bases lowering to 600m in more prolonged and heavier showers.

Visibility: Moderate or good with near-by hills visible at first below the cloud, and with very limited visibility within the hill fog. Also visibility becoming curtailed, with only immediate hills visible, within the heaviest showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 07 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 S	17/24 S	16/24 S	13/18 S	11/16 SW	10/16 SW	12/18 SW
300	12/25 S	11/22 S	12/22 S	9/17 S	7/14 SW	7/15 SW	9/18 SW
Valley	11/25 S	11/23 S	10/21 S	8/16 SW	7/14 SW	5/14 SW	7/17 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/7	11/8	12/10	12/10	11/10	11/9
300	12/9	13/11	13/11	15/13	14/13	13/12	13/12
Valley	13/11	14/12	15/13	16/15	15/14	14/14	14/13
Freezing Level*	2400m	2400m	2500m	2500m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong and gusty winds across summits, with quite chilly conditions in heavy showers. Hail and lightning likely to be a hazard. Note the slight change in wind direction this afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 07 Aug 2021	7.2mm	19.8mm	33.4mm

Forecast for Sunday 08 Aug 2021

Weather: A showery and largely cloudy start to Sunday, some of the showers still occasionally heavy. Sunday morning further showers will come along, often heavy and probably becoming thundery with hail. Brightening for the afternoon with current indications for drier conditions developing as showers become isolated and lighter, with sunny spells. Mainly dry conditions with a chance of a few showers for the evening with lighter winds.

Maximum wind: Westerly or southwesterly 20-25mph with gusts around 40mph.

Chance of cloud free mountain/hill tops above 600m: 10-30% for much of the morning becoming 90% by the afternoon as brighter weather develops.

Visibility: Moderate or poor for much of the morning with only near-by hills visible beneath the cloud and very limited visibility within the hill fog, becoming moderate or good in afternoon, perhaps very good by Sunday evening.

Temperature: **Valleys:** Plus 10 degrees Celsius becoming Plus 19 degrees Celsius.
At 600m: Plus 11 degrees Celsius.
Freezing level: Well above the summits.

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